REMARKS

In the Office Action, the sole pending claim 20 has been allowed. However, the Patent Office has requested a new sequence listing based on proposed changes to the previously-submitted sequence listing and drawings that references sequences therein as recited in Applicants' amendment filed on August 19, 2002.

In response, Applicants are submitting herewith a copy of a substitute sequence listing (Exhibit 1) that includes the changes to the sequences as discussed above. Applicants note for the record that the proposed changes have been accepted by the Patent Office as indicated in the Office Action dated November 21, 2003 on page 2. Applicants note that a print copy of the substitute sequence listing is attached herewith and further that an amendment directing its entry into the specification has been made as previously discussed. Applicants further note that they are concurrently submitting herewith a separate submission of the substitute sequence listing that includes the print copy as submitted herewith in addition to a copy in computer-readable form. Applicants state that the content of the paper and the computer-readable form copies of the substitute sequence listing are the same and further believe that no new matter has been added thereby. Accordingly, Applicants respectfully submit that the requirements pursuant to 37 C.F.R. § 1.821-1.825 have been satisfied.

Applicants note for the record than an Office Action was previously mailed on June 17, 2003 ("Office Action") regarding the above-identified patent application. A copy of the Office Action is attached herewith as Exhibit 2. The Office Action is essentially the same as the Office Action that was submitted on November 21, 2003. In this regard, it is Applicants' understanding that the Applicants are only required to respond to the Office Action dated November 21, 2003 based on a discussion regarding same between Examiner Jennifer Graser and Thomas C. Basso, the undersigned attorney of record.

However, to the extent that the Office Action is still in effect and thus requires a response thereto, Applicants respectfully submit that this amendment should also be deemed responsive to the Office Action mailed June 17, 2003 and further request that if any fees due in connection with same and this application as a whole be deducted from Deposit Account No. 02-1818. If such a withdrawal is made, please indicate the Attorney Docket No. (113190-064) on the account statement.

Appl. No. 09/865,159 Reply to Office Action of November 21, 2003

For the foregoing reasons, Applicants believe that the present application is in condition for allowance and earnestly solicit reconsideration of same.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY

Thomas C. Basso Reg. No. 46,541 P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4310

Dated: December 17, 2003

SEQUENCE LISTING

<110>	> Irvin, Randall T. Hodges, Robert S.					
<120>	> Pseudomonas Treatment Composition and Method					
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Glu Val Pro Leu Gly Val Ala Ala Asp Ala Asn Lys Leu Gly Thr Ile
Ala Leu Lys Pro Asp Pro Ala Asp Gly Thr Ala Asp Ile Thr Leu Thr
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                    70
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Thr Glu Thr Tyr Ala Gly Val Glu Pro Asp Ala Asn Lys Leu Gly Val
                        55
Ile Ala Val Ala Ile Glu Asp Ser Gly Ala Gly Asp Ile Thr Phe Thr
Phe Gln Thr Gly Thr Ser Ser Pro Lys Asn Ala Thr Lys Val Ile Thr
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Thr Ala Trp Lys Pro Asn Tyr Ala Pro Ala Asn Cys Pro Asn Ser
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tctcaaaccc tgccaaccaa taccggtgtt ccgcaggttc tggatcctct gactactcaa
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Thr Gly Ser Ser Leu Leu Thr Gly Ala Ser Gln Thr Ser Gln Thr Leu
Pro Thr Asn Thr Gly Val Pro Gln Val Leu Asp Pro Leu Thr Thr Gln
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Thr Thr Ile Ile Ala Thr Phe Gly Asn Gly Ala Ser Ala Ala Ile Ser
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                    70
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Pro Leu Gly Val Ala Ala Asp Ala Asn Lys Leu Gly Thr Ile Ala Leu
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Lys Pro Asp Pro Ala Asp Gly Thr Ala Asp Ile Thr Leu Thr Phe Thr
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        115
                            120
Met Gly Gly Ala Gly Pro Lys Asn Lys Gly Lys Ile Ile Thr Leu Thr
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                         135
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attaccctga ctcgtactgc agctgatggt ctctggaagt gcaccagtga tcaggatgag
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Gly Gly Glu Phe Ala Arg Ser Glu Gly Ala Ser Ala Leu Ala Ser
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Val Asn Pro Leu Lys Thr Thr Val Glu Glu Ala Leu Ser Arg Gly Trp
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Ser Val Lys Ser Gly Thr Gly Thr Glu Asp Ala Thr Lys Lys Glu Val
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Lys Pro Asp Pro Ala Asp Gly Thr Ala Asp Ile Thr Leu Thr Phe Thr
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        115
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Ala Ser Gly Leu Lys Thr Lys Val Ser Asp Ile Phe Ser Gln Asp Gly
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Asp Ile Asn Gly Lys Tyr Val Ala Lys Val Thr Thr Gly Gly Thr Ala
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Gly Gly Glu Phe Ala Arg Ser Glu Gly Ala Ser Ala Leu Ala Thr
Ile Asn Pro Leu Lys Thr Thr Val Glu Glu Ser Leu Ser Arg Gly Ile
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Thr Tyr Ala Gly Val Glu Pro Asp Ala Asn Lys Leu Gly Val Ile Ala
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Val Ala Ile Glu Asp Ser Gly Ala Gly Asp Ile Thr Phe Thr Phe Gln
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                            120
                                                125
Thr Gly Thr Ser Ser Pro Lys Asn Ala Thr Lys Val Ile Thr Leu Asn
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Gly Gly Glu Phe Ala Arg Ser Glu Gly Ala Ser Ala Leu Ala Thr 50 55 60

Ile Asn Pro Leu Lys Thr Thr Val Glu Glu Ser Leu Ser Arg Gly Ile 65 70 75 80

Ala Gly Ser Lys Ile Lys Ile Gly Thr Thr Ala Ser Thr Ala Thr Glu 85 90 95

Thr Tyr Ala Gly Val Glu Pro Asp Ala Asn Lys Leu Gly Val Ile Ala 100 105 110

Val Ala Ile Glu Asp Ser Gly Ala Gly Asp Ile Thr Phe Thr Phe Gln 115 120 125

Thr Gly Thr Ser Ser Pro Lys Asn Ala Thr Lys Val Ile Thr Leu Asn 130 135 140

Arg Thr Ala Asp Gly Val Trp Ala Cys Lys Ser Thr Gln Asp Pro Met 145 150 155 160

Phe Thr Pro Lys Gly Cys Asp Asn 165



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. ROS. 1430 Alexandra, Virginia 22313-1450 www.nato.eov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/865,159	05/24/2001	Randall T. Irvin	113190-064	3428
24573	7590 06/17/2003			
•	D & LLOYD, LLC		EXAMI	INER
PO BOX 1135 CHICAGO, IL 60690-1135			GRASER, JE	ENNIFER E
			ART UNIT	PAPER NUMBER
			1645	
			DATE MAILED: 06/17/2003	17
			NIE. 9-	ロータス
			$IMD \cdot I$	

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED
BELL, BOYD & LLOYD
INTELLECTUAL PROPERTY DOCKET

Office Action Summary

Application No. 09/865,159 Applicant(s)

Irvin et al.

Examiner

Jennifer Graser

Art Unit 1645



	The MAILING DATE of this communication appears	rs on the cover sheet with the correspondence address
A SH THE I - Exter af - If the be - If NO co - Failur - Any	ter SIX (6) MONTHS from the mailing date of this communication period for reply specified above is less than thirty (30) days considered timely. It period for reply is specified above, the maximum statutory symmunication. The to reply within the set or extended period for reply will, be	CFR 1.136 (a). In no event, however, may a reply be timely filed
Status		
1) 💢	Responsive to communication(s) filed on RCE & Ro	Response, 6/10/03
2a) 🗌	This action is FINAL . 2b) 💢 This ac	ction is non-final.
3) 🗆	Since this application is in condition for allowance closed in accordance with the practice under $Ex\ partial$	e except for formal matters, prosecution as to the merits is parte Quayle, 1935 C.D. 11; 453 O.G. 213.
-	tion of Claims	
4) 💢	Claim(s) <u>20</u>	is/are pending in the application.
. 4	la) Of the above, claim(s)	is/are withdrawn from consideratio
5)💢	Claim(s) <u>20</u>	is/are allowed.
6)□	Claim(s)	is/are rejected.
7) 🗆		is/are objected to.
8) 🗆	Claims	are subject to restriction and/or election requirement
Applica	tion Papers	
9) 🗆	The specification is objected to by the Examiner.	
10)□	The drawing(s) filed on is/a	
11)□ —	The proposed drawing correction filed on	
12)□	The oath or declaration is objected to by the Exam	miner.
13)□ a)□	under 35 U.S.C. § 119 Acknowledgement is made of a claim for foreign post of the priority documents has a complex of the priority documents has a complex of the complex of the priority documents has a complex of the certified copies of the priority of application from the International Burse the attached detailed Office action for a list of the certified copies of the certified copies of the priority of application from the International Burse the attached detailed Office action for a list of the certified copies of the certified copies of the priority of application from the International Burse the attached detailed Office action for a list of the certified copies of the certified copies of the priority of the priority of the certified copies of the priority of the prio	ave been received. ave been received in Application No documents have been received in this National Stage reau (PCT Rule 17.2(a)).
14)	Acknowledgement is made of a claim for domestic	
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Attachm 15) ☐ No	crit(s) otice of References Cited (PTO-892)	18) Interview Summary (PTO-413) Paper No(s).
	otice of Draftsperson's Patent Drawing Review (PTO-948)	19) Notice of Informal Patent Application (PTO-152)
	formation Disclosure Statement(s) (PTO-1449) Paper No(s). 16	20) X Other: CRF Request letter attached

Application/Control Number: 09/865,159

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DETAILED ACTION

Request for Continued Examination

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/10/03 has been entered.

New Matter Rejection Overcome

2. Applicant's verified statement that the changes to the sequence listing and drawing recited in the Amendment filed 8/19/02, Paper No.11B, were of a clerical nature and/or a typographical nature on page 1 of that amendment and the verified statement in the Response submitted 6/10/03, Paper No. 15, that Applicants were in possession of this subject matter at the time of filing as the C-terminal region of the PAO pilin peptide was well-documented and known in the art at the time the invention was made sufficiently overcomes the former new matter rejection. This region of the polypeptide would remain intact and not be modified as the N-terminal portion. See Applicants' response of 6/10/03, Paper No. 15, for further support.

New CFR MUST be submitted:

3. Applicants have only submitted changes to the paper sequence listing. However, the electronic copy of the sequence listing must also be corrected. Applicant <u>must</u> submit a new

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corrected electronic form/CRF to include the changes which includes the same changes which are being made to the paper listing.

APPLICANT IS GIVEN THE SAME TIME PERIOD FROM THE DATE OF THIS

LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R. 1.821
25. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Allowable Subject Matter

- 3. Claim 20 is allowed; however, a new CRF must be submitted in order for the application to be allowed.
- 4. Correspondence regarding this application should be directed to Group Art Unit 1641. Papers related to this application may be submitted to Group 1600 by facsimile transmission. Papers should be faxed to Group 1600 via the PTO Fax Center located in Crystal Mall 1. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15,1989). The Group 1641 Fax number is (703) 308-4242 which is able to receive transmissions 24 hours/day, 7 days/week.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer E. Graser whose telephone number is (703) 308-1742. The examiner can normally be reached on Monday-Friday from 7:00 AM-4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynette Smith, can be reached on (703) 308-3909.

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Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

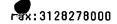
JENNIFER E. GRASER
PRIMARY EXAMINER

Applica on No. 69 865159

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 -1.825 for the following reason(s): This application clearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990. 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c). A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing." The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). - must be submitted which includes the amendmen 13 Applicant must provide: An initial or substitute computer readable form (CRF) copy of the "Sequence Listing" An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d) For questions regarding compliance with these requirements, please contact: For Rules Interpretation, call (703) 308-1123 For CRF submission help, call (703) 308-4212 For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.



Jun 10 2003 \$3:43 # P.10

INFORMATION DISCLOSURE CITATION	Atty Docket No. 113190-064	Application No. 09/865,159	
IN AN APPLICATION (Use several sheets if necessary)	Applicant Irvin et al.		
PTO Form 1449	Filing Date 05-24-01	Group 1645	

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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.